



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"Enriching Lives"*

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IN REPLY PLEASE

REFER TO FILE: **PJ-2**

February 26, 2004

TO: Each Supervisor

FROM: James A. Noyes  
Director of Public Works

**LAC+USC MEDICAL CENTER REPLACEMENT PROJECT  
QUARTERLY CHANGE SUMMARY REPORT – PERIOD ENDING DECEMBER 2003  
SPECS. 6550; C.P. 70787**

Attached is our detailed Change Summary Report, identifying changes approved by your Board as well as changes approved under delegated authority for the period October 2003 through December 2003. All change order costs reported remain within the original project budget authorized by your Board on December 3, 2002, which includes a 7.9 percent change contingency.

Change Summary

In the quarter ending December 31, 2003, there have been 184 construction change orders executed for an aggregate value of \$225,822, funded from the project construction contingency funds. Additionally, two supplemental agreements have been issued. The first, in the amount of \$60,544 for design services funded from the architect/engineer contingency funds, was issued to the project Architect of Record, HOK/LBL, under the authority delegated to the Director for changes to the Jail Ward design. The second, also funded from the architect/engineer contingency funds in the amount of \$300,000 for consultant services, was authorized by your Board on December 16, 2003, and was issued to the Geotechnical Engineer of Record, URS. Both supplemental agreements are shown on the attachment. In addition to providing this quarterly summary to your Board, we review an itemized list of every change and proceed order executed by Public Works at the monthly Project Advisory Committee meetings.

Each Supervisor  
February 26, 2004  
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If you have any questions or need additional information, please call me or your staff may contact David Howard at (626) 300-2300.

SB:pdw

Quarterly change order report\_oct-dec\_2003.doc

Attach.

cc: Chief Administrative Office (John Edmisten, Norm Braverman)  
Executive Office  
Department of Health Services (Fred Leaf, Azar Kattan)  
Project Advisory Committee (Nick Patsaouras, A. Redmond Doms, Jerry Epstein)

# ATTACHMENT - PART I

## LAC+USC MEDICAL CENTER REPLACEMENT PROJECT CHANGE SUMMARY ANALYSIS (October 1, 2003, to December 31, 2003)

Total Change Orders Issued this Quarter	184
Total Value of All Construction Changes this Quarter	\$225,822
Total Value of All Medical Equipment Changes this Quarter	\$0
Total Value of All A/E and Consultant Services Changes this Quarter	\$360,544
Total Value of All Changes This Quarter	\$586,366

### CONSTRUCTION CHANGES

Board Approved Contingency	Last Quarter Remaining Balance	Changes Executed This Quarter	Balance Remaining This Quarter	Percent of Contingency Remaining
\$39,488,624	\$39,485,947 (3)	\$225,822	\$39,260,125	99.42%

### MEDICAL EQUIPMENT AND FFE CHANGES

Board Approved Procurement Contingency	Last Quarter Remaining Balance	Changes Executed This Quarter	Balance Remaining This Quarter	Percent of Procurement Contingency Remaining
\$6,000,000	\$6,000,000	\$0	\$6,000,000	100.00%

### A/E AND CONSULTANT SERVICES CHANGES

Board Approved Contingency	Last Quarter Remaining Balance	Changes Executed This Quarter	Balance Remaining This Quarter	Percent of Contingency Remaining
\$7,393,416	\$7,329,571 (4)	\$360,544	\$6,969,027	94.26% (1, 2)

#### Note:

1. HOK/LBL Associated Architects-Supplemental Agreement 2 (not to exceed amount of \$60,544).
2. URS Corporation-Supplemental Agreement 3 (not to exceed amount of \$300,000).
3. The "Last Quarter Remaining Balance" of Construction Contingency funds for this report (\$39,485,947) is \$7,791 more than the balance reported last quarter to compensate for a change order which was included in the last report although it was not executed until this quarter.
4. The "Last Quarter Remaining Balance" of A/E and Consultant Services Contingency funds for this report (\$7,329,571) is \$63,845 more than reported last quarter to compensate for a Supplemental Services Agreement which was erroneously reported in both previous reports.

**LAC+USC MEDICAL CENTER REPLACEMENT PROJECT**  
**CHANGE DETAIL ANALYSIS**  
**(October 1, 2003, to December 31, 2003)**

Building	Description	Change Number	Date Executed	Value	
Outpatient Department Building	Level B1 Wall Size	0005	12/23/2003	\$ 948.00	
	Linac Footing Modifications	00011	11/24/2003	\$ -	
	Removal of Unsuitable Soils	00012	11/12/2003	\$ 1,955.00	
	Clarification of slab reinforcement	00019	10/21/2003	\$ -	
	RFIs 00070 and 00219	00021	12/23/2003	\$ 5,321.00	
	Bulletin OP-09-Drag Connection Sch.	00026	11/24/2003	\$ -	
	J.5 Wall Opening (RFI 313)	00028	12/4/2003	\$ 815.00	
	Steel 90 Elbows vs PVC Elbows	00029R1	12/4/2003	\$ (9,680.00)	
	Footing size at C.8 line (RFI 12)	00032	11/3/2003	\$ 877.00	
	Underpinning of Sewer Line	00034	12/15/2003	\$ 11,965.00	
	B&S 363, 366, 373, 377, 383, 392	00037	12/23/2003	\$ 387.00	
	Rev. Sleeve @K.5 wall (386-R2)	00039	11/4/2003	\$ 875.00	
	Design for W12x14 to W16 (402)	00040	12/9/2003	\$ 853.00	
	Beam to Wall Detail @ G/7.9 Level 1	00056	12/9/2003	\$ -	
	Revised framing at depression (381)	00058	12/9/2003	\$ 2,083.00	
	Eyebolts & Door Supports (301, 405)	00063	12/15/2003	\$ 11,275.00	
	Beam Conn/Anchor Bolt (250R1,480)	00067	11/4/2003	\$ -	
	Folding Panel Partitions (523)	00088	12/4/2003	\$ 3,884.00	
	Depressed Deck @ J.5 / 6-7 (631)	00096	12/9/2003	\$ 1,363.00	
	North Retaining Wall Redesign OP-19	0104	12/23/2003	\$ 3,033.00	\$ 35,954.00
Central Plant	OSHDP Corrections to NTBs	00001	11/18/2003	\$ -	
	Raise Shoring Tiebacks	00004	10/6/2003	\$ 987.00	
	6" AD-2 Discrepancies- Area X	00013	10/6/2003	\$ 365.00	
	Slab-on-Grade Concrete psi (IB-08)	00015	10/9/2003	\$ 5,880.30	
	Sum Pit Modifications (IB-04)	00018	12/3/2003	\$ 13,442.50	
	Autocad issue for S3.1V	00023	10/31/2003	\$ -	
	Unistruts & Pulling Irons (IB-30)	00039	10/22/2003	\$ 6,926.00	
	Str. IBs 06, 25, 26, 31, 34	00035	11/18/2003	\$ 1,145.00	
	Shoring Encroachment @ Line V	00036R1	12/30/2003	\$ 2,125.00	
	CMU Foundation Change (IB-35 & 36)	00038	10/30/2003	\$ -	
	U/G Condenser water routing	00043	12/8/2003	\$ -	
	Lintel Beam @ Line S/ 30.8 to 32.8	00049	12/30/2003	\$ -	
	Rebar in Wall @ Line V & CD, CP-18	00054	12/16/2003	\$ -	\$ 30,870.80
Diagnostic & Treatment Building	Bulletin No. 1	00001	11/17/2003	\$ 30,927.00	
	IB#5 Soft Water	00003	11/4/2003	\$ -	
	Underslab Drainage Piping Conflicts	00004	11/17/2003	\$ 41,907.00	
	Non-Native Material	00005	11/3/2003	\$ 21,767.00	
	RFI 161 Isolator Removal Path, IB29	00019	10/10/2003	\$ -	
	RFI #269 J.9 & 17 Vert. Splice Req	00020	12/10/2003	\$ 661.00	
	RFIs 199 & 139, IB's 6 & 18	00024	10/2/2003	\$ 7,089.00	
	RFI 134&193 Sleeves Und Grade Bms	00035	12/9/2003	\$ 20,000.00	
	RFIs 297 & 368, IB's 45 & 46	00038	10/15/2003	\$ -	
	RFI 213, Steel 90 elbows/PVC elbows	00047	10/2/2003	\$ (13,900.00)	
	RFIs 434, 435, 453R1, 473	00051	11/4/2003	\$ -	
	IB 57 RFI 264, 442, 442R1, 470, 471	00052	12/30/2003	\$ 2,554.00	
	RFI 494 & 495, IB 66 & 67 NCNs	00061	10/15/2003	\$ -	
	RFI 540, IBs 72, 73 & 75	00063	12/17/2003	\$ -	
	RFI 454-R1 Flex Duct	00066	12/30/2003	\$ -	
	RFI 491, Pads / Block Walls to Deck	00071	12/4/2003	\$ -	
	RFI 479, 480, 481 Wall Types	00073	12/30/2003	\$ 6,085.00	
	RFI 380 Rigid v Cable Seismic Brace	00074	12/30/2003	\$ -	
	RFI 241&344 Revs to Specs IB 28&69	00075	12/2/2003	\$ -	
	CO#3, Revise TI&O Prog Requirements	00076	11/12/2003	\$ -	\$ 117,090.00
Inpatient Tower	IB# 03, 04, 07, 09 -12 (Concrete)	00002	10/30/2003	\$ 16,841.00	
	Shoring Changes (Bull.IP-3&IP-4)	00003	10/10/2003	\$ (26,154.00)	
	IB#6,13, 14, 15 (Concrete & Steel)	00004	10/23/2003	\$ 3,586.00	
	IB#8,16-18 (Elevation,Weld,Rebar)	00006	10/23/2003	\$ 3,601.00	
	Spiral Ties for Piles	00008	10/22/2003	\$ -	
	Elevator 1-10 Pit Depths (RFI60-R1)	00012	10/23/2003	\$ 4,027.00	
	Revise Typ. Beam/ Column Connection	00016	11/25/2003	\$ -	
	IB#21, Anchor Bolt Embed Depth	00017	10/23/2003	\$ 4,664.00	
	Pipe sleeves at 31/G/H	00018	10/22/2003	\$ -	

**LAC+USC MEDICAL CENTER REPLACEMENT PROJECT**  
**CHANGE DETAIL ANALYSIS**  
**(October 1, 2003, to December 31, 2003)**

Building	Description	Change Number	Date Executed	Value
Inpatient Tower	Bults for Various RFIs 27 thru 61	00019	10/23/2003	\$ -
	IB#25 - Footing Depth @ E/29	00021	10/23/2003	\$ 1,149.00
	IB#55-Concrete Specs-bonding agent	00022	10/22/2003	\$ -
	IB #32, Elec. Cable Tray B1/ L1	00023	10/23/2003	\$ 330.00
	RFIs #00095 & 00105	00029	10/22/2003	\$ -
	IB#43 Wall @ 33LineBtwn K&K.6	00030	11/18/2003	\$ -
	Wall street in sloped footing	00031	10/22/2003	\$ -
	Closed ties vs. open ties (rev.)	00032	10/22/2003	\$ -
	IB#38 Material Sizes	00033	12/4/2003	\$ -
	Detail at top of wall-line 17.3	00034	11/25/2003	\$ 7,791.00
	Bulletins/Various RFIs 109 to158	00038	12/17/2003	\$ 1,157.00
	Deck sleeves	00043	12/4/2003	\$ -
	Bltns/VariousRFIs; 207, 215, 352	00049	10/9/2003	\$ -
	Steel 90 elbows vs PVC elbows	00062	10/10/2003	\$ (20,494.00)
	Stair P1	00065	11/25/2003	\$ 399.00
	Stair R4 wall opening	00067	10/23/2003	\$ 230.00
	IB#24 Conc fill utilities footings	00074	11/25/2003	\$ -
	RFIs #00031, 00304, & 00343	00078	10/22/2003	\$ -
	10" concrete wall line 17.3/H.3-P	00080	10/22/2003	\$ -
	AH ID Discrepancy	00081	10/9/2003	\$ -
	Rooftop Kitchen Equipment Layout	00082	10/22/2003	\$ -
	PROVIDE MISSING DIMENSIONS	00083	10/22/2003	\$ -
	Arch. CIP wall along grid "N"	00085	11/25/2003	\$ 4,436.00
	Wall thick. trans.@stair 4 Grid K.6	00086	10/22/2003	\$ -
	IB#27 FOR OPENING W26 BY 256	00089	12/17/2003	\$ 5,949.00
	Parapet detail and elevation	00090	10/9/2003	\$ -
	Curtain Wall Sill Detail at Level 3	00091	10/23/2003	\$ -
	Dimension Discrepancy on 8th Floor	00092	11/25/2003	\$ -
	Line 28.4- face 3' wall	00093	12/16/2003	\$ -
	IP W&V CONFLICTS AT COL 28.9/O, U/G	00096	10/9/2003	\$ -
	WASTE PIPE SIZING	00098	10/9/2003	\$ -
	IB#49 Stair R4 Connection	00099	11/25/2003	\$ -
	W-6 WATER CLOSETS IN PUB CHILD TOIL	00100	12/4/2003	\$ -
	IB#52 Two#7s Mislocated, 21&H.4ILN	00102	12/17/2003	\$ -
	SERVICE SINK OVER STEEL BEAM	00103	12/4/2003	\$ -
	Dowel @ perimeter wall @ grid G/21	00104	10/8/2003	\$ -
	Footing C.J @ mechanical basement	00107	10/22/2003	\$ -
	Bm locations about grid A/31 & A/23	00108	12/4/2003	\$ -
	CLARIFICATION TO MCH RFI# 00245-R1	00109	10/22/2003	\$ -
	IB#60 Waste Pipe Conflict w/ Wall	00111	11/25/2003	\$ 1,222.00
	INCREASE WALL SIZE AT COL. D.5/28.4	00112	11/5/2003	\$ -
	Conflict with Location of Slab Jog	00113	12/4/2003	\$ -
	Filler plate	00116	12/16/2003	\$ -
	Location of pipe column	00117	12/16/2003	\$ -
	Gusset plate requirements	00118	11/25/2003	\$ -
	CONFIRLoading dock dimension D.5/34	00120	12/17/2003	\$ 2,732.00
	Footing C.J @ grid M/31.1	00122	10/29/2003	\$ -
	Column splice plate welding reqs	00123	11/25/2003	\$ -
	Anchor bolts B/22.9, F/25	00124	12/17/2003	\$ 1,427.00
	ACCESS.CHASE NEED WC-6 RM 2N221	00127	12/17/2003	\$ 1,090.00
	RFI 05 AH-10 RA RISER SIZE	00130	10/22/2003	\$ -
	WC-6 NOT COMPAT. W/ THE 6A/4 Wall	00132	12/4/2003	\$ -
	Nuetral and Equipment Gnd	00136	10/10/2003	\$ -
	Detail 13/A6.26 Not Shown	00137	10/23/2003	\$ -
	EXTENDED FURRING NEEDED	00138	11/6/2003	\$ -
	INSUFFICIENT BEAM/WALL CLEARANCE	00139	11/6/2003	\$ -
	Elevations from previous rfis	00140	10/9/2003	\$ -
	COLUMN 26/B FURRING	00145	10/9/2003	\$ -
	DIM. TO FINISH WALLS IN RM. 2N126	00146	10/29/2003	\$ -
	Recessed Valve Box Sequence	00147	11/25/2003	\$ -
	Stepped footing and sally port col.	00148	12/16/2003	\$ -
	Precast Concrete Type	00150	10/23/2003	\$ -
	R1 IP NEED 8" WALL ROOM 1P316	00156	11/6/2003	\$ -
	CONFIRMATION OF MV LINE SIZE	00157	10/9/2003	\$ -
	GREASE WASTE SYSTEM CONFLICTS	00158	10/29/2003	\$ -
	GREASE WASTE SYSTEM CONFLICTS	00159	10/29/2003	\$ -
	GREASE WASTE SYSTEM CONFLICTS	00160	10/29/2003	\$ -
	GREASE WASTE SYSTEM CONFLICTS	00161	10/29/2003	\$ -
	Placement of CIP walls	00163	10/29/2003	\$ -
	Sloping duct banks away from bldgs	00164	12/4/2003	\$ -

**LAC+USC MEDICAL CENTER REPLACEMENT PROJECT**  
**CHANGE DETAIL ANALYSIS**  
**(October 1, 2003, to December 31, 2003)**

Building	Description	Change Number	Date Executed	Value	
	Louver @ arch. wall along Grid "N"	00167	11/6/2003	\$ (256.00)	
Inpatient Tower	Stair R2 parapet wall elevation	00168	11/6/2003	\$ 2,072.00	
	Satir R2 stairway width conflict	00169	11/25/2003	\$ 229.00	
	Floor Box Layout Dimensions	00170	10/29/2003	\$ -	
	Caulking Access for Precast	00171	10/23/2003	\$ -	
	Approval of form material	00172	12/16/2003	\$ -	
	Reveal pattern for stair R4	00173	11/6/2003	\$ 262.00	
	Weld of bent plate to gusset plate	00174	12/30/2003	\$ -	
	WASTE AND VENT RISER N-5 IN AREA N1	00175	12/30/2003	\$ -	
	Top of wall RFI 139, 140, 142	00176	12/30/2003	\$ -	
	IP FLOOR SINK DIM. RM 1P313	00181	12/17/2003	\$ 602.00	
	Waterproof req. for elev.1 thru 10	00184	12/17/2003	\$ 464.00	
	R.D, OSD, AND PLANTER DRAIN CONFLIC	00188	10/29/2003	\$ -	
	Penetrations Cut/Interrupt Rebar	00193	10/29/2003	\$ -	
	Arch. CIP plywood material	00199	12/5/2003	\$ -	
	Clarify Med Gas Outlets	00200	11/6/2003	\$ 8,370.00	
	IB#47 Stair Wall verf Ln 22-22/A-B	00202	10/29/2003	\$ -	
	Kitchen ICW / ECW Piping Discrepanc	00208	12/4/2003	\$ 231.00	
	Elev 9: Added Machine Beam Spt	00215	12/17/2003	\$ 710.00	
	Waterproofing @ Area 3.0G	00216	12/17/2003	\$ 2,028.00	
	HHW Pump Piping	00241	10/23/2003	\$ -	
	Wall Conflict With Beam, Rm. 2R315-baseplate coverage	00242	11/25/2003	\$ -	
		00247	12/17/2003	\$ 667.00	
	Notch of TS @ E.O.S along M/25-26	00249	12/17/2003	\$ 2,570.00	
	Precast @ Metal Screen Door	00250	12/4/2003	\$ -	
	Sally port column @ stepped footing	00252	11/25/2003	\$ 162.00	
	Elevator Seperator Beams	00253	12/17/2003	\$ 260.00	
	Dimension to Precast @21/L.6	00254	12/4/2003	\$ -	
	Verify Dimension to Face of Precast	00256	12/4/2003	\$ -	
	Dowels for column encasement	00259	12/4/2003	\$ -	
	Drill & Dowel for Ambulance SOG	00268	11/25/2003	\$ -	
	Charpy V-Notch Testing	00270	12/30/2003	\$ -	
	Concrete wall finish along A/24.7-	00272	12/16/2003	\$ 10,865.00	
	IB#92, Stair Channel Connection	00277	11/25/2003	\$ -	
	IB#85, Revised Detail S10 &11/S9.02	00279	12/4/2003	\$ -	
	IB#96; 4" TD Core, (RFI 841, 859)	00284	12/16/2003	\$ -	
	IB#63 EpoxAnchForVertBentReb Rfi455	00285	12/30/2003	\$ -	
	IB#69 Add. Splice Provided @ Colmns	00288	12/30/2003	\$ -	
	IB#74 ProvisionDetail/BentAnchBolt	00289	12/30/2003	\$ -	
	IB#97 Propane tank rebar tails	00294	12/16/2003	\$ -	
	IB#101 Alt.FootingDetailShearDowels	00295	12/17/2003	\$ -	
	IB#102 StairPltStringersSteelGrade	00296	12/30/2003	\$ -	
	IB#104 ElevGuiderailsDimensions	00297	12/30/2003	\$ -	
	IB#106 UndergroundCopperPipping	00299	12/9/2003	\$ 347.00	
	Pressure Switches required (RFI633)	00305	12/16/2003	\$ -	
	10" SD and OSD Lines at Col. K/30	00313	12/30/2003	\$ -	
	ISAT seismic bracing submittal	00315	12/5/2003	\$ -	
	IB#110 Attachment of track to steel	00336	12/30/2003	\$ -	
	IB#118 Grid A wall missing dowels	00339	12/16/2003	\$ -	
	IB#121 ConfirmationSOG, Conduit Ins	00340	12/17/2003	\$ 1,030.00	\$ 44,596.00
Final Site	County Corrections to NTBs	00001	10/6/2003	\$ 311.00	
	BMP NCNs 8 & 13 (Ref. DFN #2)	00005	10/8/2003	\$ (3,000.00)	\$ (2,689.00)
VALUE OF CHANGES - OCTOBER 1, 2003, TO DECEMBER 31, 2003:				\$ 225,821.80	\$ 225,821.80

**ATTACHMENT - PART 3**

<b>LAC+USC MEDICAL CENTER REPLACEMENT PROJECT</b> <b>CHANGE DETAIL ANALYSIS</b> <b>(October 1, 2003, to December 31, 2003)</b>
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**A/E AND CONSULTANT SERVICES CHANGES**

Description		Supplemental Agreement	Value
A/E	Jail Ward Changes	2	\$60,544.00
CS	Geotechnical Monitoring Services	1	\$300,000.00
<b>A/E AND CONSULTANT SERVICES CHANGES - OCTOBER 1, 2003, TO DECEMBER 31, 2003:</b>			<b>\$360,544.00</b>
<b>TOTAL VALUE OF CHANGES - OCTOBER 1, 2003, TO DECEMBER 31, 2003:</b>			<b>\$586,365.80</b>